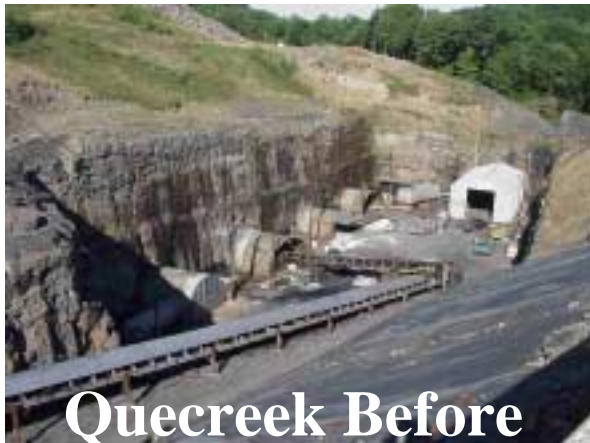


H A L T

AZARD LERT IVE OMORROW

MINE EMERGENCIES



Queecreek Before

LIVES
ARE
AT
RISK



Queecreek After

VIRGINIA MINE EMERGENCIES

PREVENT ACCIDENTAL HOLE THROUGHS INTO ABANDONED MINE WORKINGS

SAFETY KEYPOINTS:

- Consider all mine workings (active and abandoned) located adjacent, above or below mining areas; determine location of workings and water levels. De-water mine workings if necessary.
- Perform a diligent search for the final, dated, and signed maps of old workings in mines above, below, or adjacent to mining areas.
- Gather information about mining in or near old or abandoned mines by interviewing local sources, former miners, and walk or examine outcrops.
- Evaluate surface subsidence and geological structures; rock strata make-up, dip and pitch of the seam, elevations, and faults.
- Analyze prudent mine design; provide sufficient barrier pillars and evaluate interburden thickness; compare mine surveys from a common base line.
- Consider the use of directional, long-hole drilling to ensure adequate barriers around mining areas.
- Drill bore holes in advance of mining activities as required by State and Federal laws.
- Have a specific emergency response plan when mining near old works. Consider and review elements of that plan frequently with all affected miners.

REMEMBER: Lives depend on the quality and effectiveness of this training. We never know when we may need this training but we must always train to be prepared!

Please Post "2004"

For additional information or assistance, contact the
Division of Mines, Big Stone Gap (276) 523-8227
or Keen Mountain Field Office (276) 498-4533

ACCIDENT
REDUCTION PROGRAM

